

**REVERBERATING ADAPTIVE MICROWAVE-STIRRED EXPOSURE SYSTEM**

**ABSTRACT OF THE DISCLOSURE**

5           A method and apparatus for adaptively maintaining the power-frequency spectrum in a  
reverberation chamber. The invention is thus capable of maintaining a relatively constant  
power-frequency spectrum in the chamber even when a device under examination is placed into the  
chamber which exhibits selective frequency absorption and or directional frequency absorption. The  
object disposed within the chamber need not necessarily be a device under examination. Rather, the  
10   present invention can also adaptively maintain a relatively constant power-frequency spectrum when  
heating any material disposed within a electromagnetic wave chamber.

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